Appendix C: Current Status of State's Longitudinal Data System (SLDS)

Capability/ Element	Current Development	Relevant Outcomes
Required data system capabilities. A statewide, longitudinal data system developed with funding obtained pursuant to this grant competition must have the following seven capabilities:		
C1. Examine student progress and outcomes over time…[and] include data at the individual student level from preschool through postsecondary education and into the workforce.	Currently under development. System will be expanded with 2010 SLDS grant funds	• Expanded EDW data including PK Assessment, SAT, AP, National Student Clearinghouse, and workforce data. • Expanded EDW reports to increase longitudinal analysis of these data.
C2. Facilitate and enable the exchange of data among agencies and institutions within the State and between States so that data may be used to inform policy and practice… Support interoperability…to ensure linkage and connectivity among the various levels and types of data.	Currently under development. System will be expanded with 2010 SLDS grant funds. Indicator development plan partially supported by NESSC with funding from the Nellie Mae Foundation.	• A research /indicator development plan with the assistance of research partners to develop readiness, predictive, early warning, and program effectiveness indicators for students receiving services in these areas. • Expanded EDW data model and reports to include information identified in this area.
C3. Link student data with teachers, i.e…so that a given student may be matched with particular teachers primarily responsible for providing instruction in various subjects.	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Implement standard data model and statewide student information system allow mandatory SIF vertical reporting providing real-time data linking students and teachers at state level. • Implement a state operational data store that includes linked student-teacher information. • Expanded EDW data model and reports to facilitate data use and accessibility.
C4. The system must enable the matching of teachers with information about their certification and teacher preparation programs, including the institutions at which teachers received their training	Vermont has this capability, work is planned to expand the information available for analysis and funded by VT DOE. No work is budgeted under the 2010 SLDS grant.	

Capability/ Element	Current Development	Relevant Outcomes
C5. Enable data to be easily generated for continuous improvement and decision-making, including timely reporting to parents, teachers, and school leaders on the achievement of their students.	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Increased frequency of EDW data loads, improved timeliness of information as allowed by vertical interoperability achieved with the SIF agent. • Implement a statewide portal platform where parents, educators, department staff can access information as part of the statewide student information system.
C6. Ensure the quality and integrity of data contained in the system.	Currently under development. Data quality checks will be expanded with 2010 SLDS grant funds.	• Expanded system of data audits and validity checks as appropriate for the SIF enabled statewide system and state operational data store. • Implement comprehensive professional development plan to ensure local staff are able to use information toolset for both operations and data-driven decision making.
C7. Provide the State with the ability to meet reporting requirements of the Department, especially reporting progress on the metrics established for the State Fiscal Stabilization Fund and the reporting requirements included in EDFacts...	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Increased frequency of EDW data load to allow for automation of EDFacts reporting. • Expanded EDW data model to include metrics for State Fiscal Stabilization Fund requirements.
Required data system elements. A data system developed with funding obtained pursuant to this grant competition must include at least these 12 elements prescribed by the America COMPETES Act:		
E1. Unique statewide student identifier that does not permit a student to be individually identified by users of the system (except as allowed…)	Work completed	

Capability/ Element	Current Development	Relevant Outcomes
E2. Student-level enrollment, demographic, and program participation information	Work Completed for PK-12. Currently under development for post-secondary. System will be expanded with 2010 SLDS grant funds.	• Integrate post-secondary data into the EDW. • Add post-secondary indicators to school report.
E3. Student-level information about the points at which students exit, transfer in, transfer out, drop out, or complete P-16 education programs	Currently under development. System will be expanded with 2010 SLDS grant funds.	• EDW expansion includes the creation and population of a data object for National Student Clearinghouse (college enrollment) data.
E4. The capacity to communicate with higher education data systems	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Post-secondary indicators through ongoing collaboration with research advisory council. • Expanded EDW data model and EDW reports to provide role appropriate access to post-secondary data.
E5. A State data audit system assessing data quality, validity, and reliability	Currently under development. Audit system will be expanded with 2010 SLDS grant funds.	• Expanded system of data audits and validity checks as appropriate for the SIF-enabled statewide system and state operational data store.
E6. Yearly test records of individual students with respect to assessments under section 1111(b) of the Elementary and Secondary Education Act of 1965	Work Completed	
E7. Information on students not tested, by grade and subject	Work Completed	
E8. A teacher identifier system with the ability to match teachers to students	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Standard data model and statewide student information system will allow mandatory SIF vertical reporting providing real-time data linking students and teachers at state level. • Expanded EDW data model and reports to facilitate data use and accessibility.

Capability/ Element	Current Development	Relevant Outcomes
E9. Student-level transcript information, including information on courses completed and grades earned	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Automated transfer of student transcript information from local districts to state district to district, and district to institutions of higher education.
E10. Student-level college readiness test scores	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Adoption of a research agenda that includes measuring the college preparedness for Vermont students. • Expanded EDW data model and EDW reports to include college readiness test scores..
E11. Data that provide information regarding the extent to which students transition successfully from secondary school to postsecondary education, including whether students enroll in remedial coursework	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Collection of post-secondary data including student-level financial aid and remedial course taking. • Expanded EDW data objects and EDW reports to include indictors of post-secondary success.
E12. Data that provide other information determined necessary to address alignment and adequate preparation for success in postsecondary education	Currently under development. System will be expanded with 2010 SLDS grant funds.	• Identification of other information necessary to address alignment through VT DOE research partners.